

WHAT IS CLAIMED IS:

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1. An image-forming apparatus, comprising:  
a fixing unit,  
the fixing unit including:

a heating part including a heating  
10 element;

a power storage unit configured to  
supply power to the heating part so that the heating  
element of the heating part generates heat, the power  
storage unit including a chargeable and dischargeable  
15 capacitor; and

a controller configured to control an  
operation of the power storage unit,

wherein, when image-forming operation of the  
image-forming apparatus is suspended by an  
20 abnormality, the controller performs control such  
that the capacitor is charged in accordance with a  
remaining amount of stored energy thereof.

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2. The image-forming apparatus as claimed  
in claim 1, wherein the controller performs the  
control such that the capacitor is charged in  
accordance with the remaining amount of stored energy  
5 thereof when a state of the suspended image-forming  
operation allows returning to the image-forming  
operation.

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3. The image-forming apparatus as claimed  
in claim 1, wherein the controller performs the  
control such that the capacitor is charged until a  
15 voltage of the capacitor is higher than or equal to a  
predetermined voltage.

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4. An image-forming apparatus, comprising:  
a fixing unit,  
the fixing unit including:  
a heating part including a heating  
25 element;

a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and

a controller configured to control an operation of the power storage unit,

wherein, when image-forming operation of the image-forming apparatus is stopped, the controller performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

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5. The image-forming apparatus as claimed in claim 4, wherein the controller performs the control such that the capacitor is charged in accordance with the remaining amount of stored energy thereof when a state of the stopped image-forming operation allows returning to the image-forming operation.

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6. The image-forming apparatus as claimed  
in claim 4, wherein the controller performs the  
control such that the capacitor is charged until a  
voltage of the capacitor is higher than or equal to a  
5 predetermined voltage.

10 7. An image-forming apparatus, comprising:  
a fixing unit,  
the fixing unit including:  
a heating part including a heating  
element;  
15 a power storage unit configured to  
supply power to the heating part so that the heating  
element of the heating part generates heat, the power  
storage unit including a chargeable and dischargeable  
capacitor; and  
20 control means for controlling an  
operation of the power storage unit,  
wherein, when image-forming operation of the  
image-forming apparatus is suspended by an  
abnormality, the control means performs control such  
25 that the capacitor is charged in accordance with a

remaining amount of stored energy thereof.

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8. An image-forming apparatus, comprising:  
a fixing unit,  
the fixing unit including:

10 a heating part including a heating  
element;

a power storage unit configured to  
supply power to the heating part so that the heating  
element of the heating part generates heat, the power  
storage unit including a chargeable and dischargeable  
15 capacitor; and

control means for controlling an  
operation of the power storage unit,

wherein, when image-forming operation of the  
image-forming apparatus is stopped, the control means  
20 performs control such that the capacitor is charged  
in accordance with a remaining amount of stored  
energy thereof.